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ABSTRACT

The present invention relates to polymers having polyolefin segments as the side chain, and uses thereof.

The polymers have a structural unit represented by the following Formula (1):

$$\frac{\left(W\right)_{x} CH_{2} CH_{2} C}{\left(Z\right)_{y}} (1)$$

wherein A is an olefin polymer having a weight average molecular weight of 400 to 500,000; R is H, an alkyl group, or an aralkyl group; W and Z are each O, HN, or S; and x and y are each O or 1, with the proviso that at least one of them is 1.

Suitably, the polymer is a polymer having a unit wherein W=0, x=1 and y=0 as the repeating unit, and further contains a polysiloxane block.

The polymer of the invention can be applied as an antistatic agent, a cosmetic additive, a releasing agent for toner, a pigment dispersant, a lubricant for vinyl chloride resins, a coating material, an emulsion composition and the like.